

**PATENT****IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Willem Broekaert et al. Group Art Unit: not yet assigned

Serial No.: 10/570,554 Docket: 1187-44

Filed: March 3, 2006 Dated: October 20, 2006

For: **PLANTS HAVING MODIFIED GROWTH CHARACTERISTICS  
AND METHOD FOR MAKING THE SAME**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

Sir:

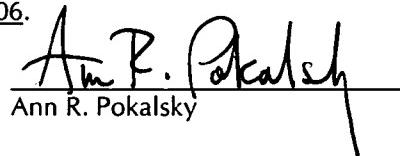
Pursuant to Applicant's duty of disclosure, the information listed in the attached form PTO-1449 is brought to the attention of the Examiner. A copy of each reference is attached hereto.

The citation of the listed items is not a representation that they constitute a complete or exhaustive listing of the relevant art or that the references are prior art. The items listed are submitted in good faith, but are not intended to substitute for the Examiner's search. It is hoped, however, that in addition to apprising the Examiner of these particular items, they will assist in identifying fields of search and in making as full and complete a search as possible.

**CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, postpaid in an envelope, addressed to the: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on October 20, 2006.

Dated: October 20, 2006

  
Ann R. Pokalsky

The filing of this Information Disclosure Statement is not an admission that the information cited herein is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b).

To the best of Applicant's knowledge, this Information Disclosure Statement is being filed before the date of mailing of a first Office Action in connection with this case.

The claims of the application as now presented are believed to patentably distinguish over the prior art and to be in condition for allowance. Early and favorable consideration of the case is respectfully requested.

Respectfully submitted,



Ann R. Pokalsky  
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Attorney for Applicant

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Sheet 1 of 2

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| Form PTO-1449   |  | U.S. DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE | ATTY. DOCK<br>1187-44              | Serial No.<br>0/570,554 |
| INFORMATION DISCLOSURE<br>STATEMENT BY APPLICANT<br><br>(Use several sheets if necessary) |  | APPLICANT<br>Willem Broekaert et al.                       |                                    |                         |
|   |  | FILING DATE<br>March 3, 2006                               | GROUP ART UNIT<br>not yet assigned |                         |

## U.S. PATENT DOCUMENTS

| EXAMINER INITIAL |  | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|------------------|--|-----------------|------|------|-------|----------|----------------------------|
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## FOREIGN PATENT DOCUMENTS

|        |  | DOCUMENT NUMBER | DATE       | COUNTRY | CLASS | SUBCLASS | TRANSLATION |    |
|--------|--|-----------------|------------|---------|-------|----------|-------------|----|
|        |  |                 |            |         |       |          | YES         | NO |
| /C.C./ |  | WO 03/085115    | 10/16/2003 | PCT     |       |          | X           |    |
|        |  | WO 02/16655     | 2/28/2002  | PCT     |       |          | X           |    |
|        |  | WO 00/56905     | 9/28/2000  | PCT     |       |          | X           |    |
|        |  | WO 98/41642     | 9/24/1998  | PCT     |       |          | X           |    |
|        |  | WO 2004/035798  | 4/29/2004  | PCT     |       |          | X           |    |

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

|        |  |    |  |
|--------|--|----|--|
| /C.C./ |  | 1. | Doerks, T. et al., (2002) "Systematic Identification of Novel Protein Domain Families Associated with Nuclear Functions". <i>Genome Research</i> 12, pgs. 47-56.   |
| /C.C./ |  | 2. | Inze, D. et al., (2003) "Sequence 61 from Patent WO03085115" <i>EMBL AX927140</i> .  |
| /C.C./ |  | 3. | Peng, J. et al., (July 15, 1999) "Green Revolution' Genes Encode Mutant Gibberellin Response Modulators" <i>Nature</i> 400, pgs. 256-261.  |
| /C.C./ |  | 4. | Rancour, D. et al., (2004) "Plant UBX Domain-Containing Protein 1, PUX1, Regulates the Oligomeric Structure and Activity of Arabidopsis CDC48" <i>Journal of Biological Chemistry</i> 279, pgs. 56254-54274. |
| /C.C./ |  | 5. | Junji Hashimoto et al., (1992) "Isolation and Characterization of cDNA Clones Encoding cdc2 Homologues from <i>Oryza sativa</i> : a Functional Homologue and Cognate Variants" <i>Mol Gen Genet</i> 233.     |
| /C.C./ |  | 6. | Vladimir Mironov et al., (April 1999) "Cyclin-Dependent Kinases and Cell Division in Plants-The Nexus" <i>The Plant Cell</i> 11, pgs. 509-521.   |
| /C.C./ |  | 7. | Boudolf, V.K.C.K., (March 9, 2001) "Arabidopsis Thaliana mRNA for Cyclin Dependent Kinase". <i>EMBL Accession No AJ297937</i>  |
| /C.C./ |  | 8. | Yoshiro Imajuko et al., (June 1992) "Exon-Intron Organization of the <i>Arabidopsis thaliana</i> Protein Kinase Genes <i>CDC2a</i> and <i>CDC2b</i> " <i>FEBS</i> 304, pgs. 73-77.                           |

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| EXAMINER<br><br>/Cynthia Collins/   | DATE CONSIDERED<br><br>02/02/2009 |
| * EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw a line through citation if not in conformance and not considered. Include copy of this form with next communication to examiner. |                                   |

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| OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.) |  |     |   |  |  |  |  |
|--|--|-----|---|--|--|--|--|
| /C.C./   |  | 9.  | Jerome Joubes et al., (2000) "CDK-Related Protein Kinases in Plants" <i>Plant Molecular Biology</i> 43, pgs. 607-620.   |  |  |  |  |
| /C.C./   |  | 10. | Takashi Hirayama et al., (1991) "Identification of Two Cell-Cycle-Controlling <i>cdc2</i> Gene Homologs in <i>Arabidopsis Thaliana</i> " <i>Gene</i> 105, pgs. 159-165.                                       |  |  |  |  |
| /C.C./   |  | 11. | Zoltan Magyar et al., (February 1997) "Cell Cycle Phase Specificity of Putative Cyclin-Dependent Kinase Variants in Synchronized Alfalfa Cells" <i>The Plant Cell</i> 9, pgs. 223-235.                        |  |  |  |  |
| /C.C./   |  | 12. | Andrea Porceddu et al., (July 26, 2001) "A Plant Specific Cyclin-Dependent Kinase Is Involved in the Control of G2/M Progression in Plants" <i>The Journal of Biological Chemistry</i> 276, pgs. 36354-36360. |  |  |  |  |
| /C.C./   |  | 13. | Takeshi Yoshizumi et al., (October 1999) "An Arabidopsis Cell Cycle-Dependent Kinase-Related Gene, CDC2b, Plays a Role in Regulating Seedling Growth in Darkness" <i>The Plant Cell</i> 11, pgs. 1883-1895.   |  |  |  |  |
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